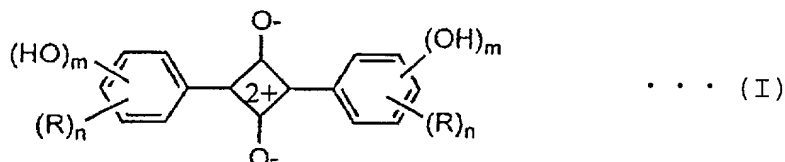


CLAIMS

1. A squarylium compound represented by the following formula (I):

5



[in the formula (I), R is a halogen atom, an alkyl group which may have a substituent, an alkoxy group which may have a substituent, or an alkenyl group which may have a substituent, m is an integer of from 1 to 4, and n is an integer of from 1 to 4.]

2. The squarylium compound as defined in Claim 1, characterized in that in the formula (I), R is an alkyl group which may have a substituent.

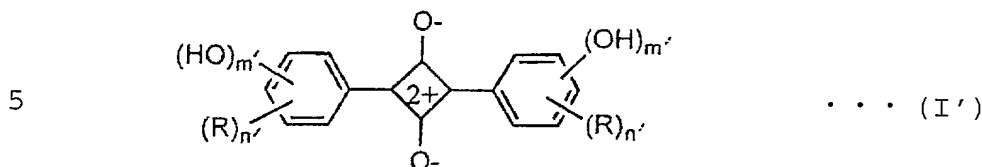
3. The squarylium compound as defined in Claim 1, characterized in that it is a squarylium compound of the formula (I), wherein m is 3.

4. The squarylium compound as defined in Claim 1, characterized in that it is a squarylium compound of the formula (I), wherein n is 1.

5. A filter for a plasma display panel, characterized by having a layer which contains the squarylium compound as defined in Claim 1.

6. A filter for a plasma display panel, characterized in that a layer containing an ultraviolet absorber is

further laminated on a layer containing a squarylium compound represented by the following formula (I'):



[in the formula (I'), R is a halogen atom, an alkyl group which may have a substituent, an alkoxy group which may have a substituent, or an alkenyl group which may have a substituent, m' is an integer of from 1 to 4, and n' is an integer of from 0 to 4.]

7. The filter for a plasma display panel as defined in Claim 6, characterized in that the squarylium compound is of the formula (I') wherein n'=0.

8. The filter for a plasma display panel as defined in Claim 6, characterized in that the squarylium compound is of the formula (I') wherein n'=0, and m'=2 or 3.

9. The filter for a plasma display panel as defined in Claim 6, characterized in that in the formula (I'), R is an alkyl group which may have a substituent.

10. The filter for a plasma display panel as defined in Claim 6, characterized in that in the formula (I'), m'=3, and n'=1.

11. The filter for a plasma display panel as defined in Claim 6, characterized in that the visible light transmittance is at least 40%.

12. The filter for a plasma display panel as defined in Claim 6, characterized in that in addition to the layer containing a squarylium compound, a near infrared screening layer is further provided.

5 13. The filter for a plasma display panel as defined in Claim 6, characterized in that in addition to the layer containing a squarylium compound, an electromagnetic wave screening layer is further provided.

10 14. The filter for a plasma display panel as defined in Claim 6, characterized in that in addition to the layer containing a squarylium compound, an antireflection layer is further provided.

15 15. The filter for a plasma display panel as defined in Claim 5, characterized in that in addition to the layer containing a squarylium compound, a glare-preventing (non-glare) layer is further provided.

16. A plasma display panel device characterized by having the filter for a plasma display panel as defined in Claim 6 on a screen of a plasma display panel.